

NOTES ON THE ARCHITECTURE, NESTING HABITS, AND
LIFE HISTORIES OF AUSTRALIAN ARANEIDÆ, BASED
ON SPECIMENS IN THE AUSTRALIAN MUSEUM.

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(Figs. 37-38-39.)

PART IV.—ENTELEGYNÆ.

This group, according to Simon's classification embraces twenty-four families, many of which are exceedingly numerous in species and widely distributed. Indeed, some are cosmopolitan. The families occurring in Australia, so far as is at present known to me, are as follows:—

Drassidæ	Thomisidæ
Zodariidæ	Clubionidæ
Hersiliidæ	Agelenidæ
Pholcidæ	Pisauridæ
Theridiidæ	Lycosidæ
Mimetidæ	Oxyopidæ
Argiopidæ	Salticidæ.

In addition to these, two other families occur so close at hand, that it is quite possible representatives may yet be found in Australia also. They are:—*Prodidomidæ* and *Palpimanidæ*,

In connection with the first of these, the genus *Prodidomus*. Hentz, is widely distributed, its range being, "Regio mediterranea calid.; Hispania merid., Barbaria, Ægyptus et Syria; Africa occid.; Africa austr.; Arabia merid.; India orient; Nova-Caledonia; America sept. et merid.: Venezuela."¹ A second genus, *Zimiris*, E. Simon, is recorded by that author to contain three species, one of which occurs in "Arabia merid.,"² and another in India²; the third is a Malaisian form, but its habitat is uncertain.

The *Palpimanidæ* is represented in Malaisia and the Phillipines by the genus *Colopea*, E. Simon³, and this also by a single species, *C. pusilla*, E. Simon. Another genus, *Huttonia*, Cambr.,⁴ occurs in New Zealand, and this also contains, so far as is known, only one species—*H. palpimanoides*, Cambr.

¹ Simon—Hist. Nat. des Araignées, 2nd Ed., i., 1892, p. 337.

² Simon—*Loc. cit.*, pp. 337, 338.

³ Simon—*Loc. cit.*, p. 397.

⁴ Simon—*Loc. cit.*, p. 398; Cambridge—Proc. Zool. Soc., 1879, p. 685.